



Handbook of MRI Technique

By Catherine Westbrook

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The progress of magnetic resonance imaging (MRI) as a clinical tool has been extraordinary, out-stripping the rate of development of any other imaging technique. There has been a huge increase in the practical applications of MRI techniques and its uses look likely to extend even further with the development of high speed gradients and pulse sequences.

The Handbook of MRI Technique has proved highly successful in guiding the uninitiated through scanning techniques and helping more experienced technologists to improve image quality. The third edition of this highly successful book has been fully revised and updated to consider new technologies and developments essential to good practice.

The book is split into two parts. Part 1 considers the main aspects of theory that relate to scanning and also includes practical tips on gating, equipment use, patient care and safety, and information on contrast media. Part 2 provides step by step instruction for examining each anatomical area, beginning with a basic anatomy section, followed by sections on indications, patient positioning, equipment, artefacts and tips on optimizing image quality. A section of problem-solving exercises completes the book.

Now in full color throughout with over 200 illustrations this book will continue to appeal to radiographers new to MRI and regular users who are looking for information on alternative techniques and suggestions on protocol modifications.

- Completely revised and updated
- Over 100 brand new photographs and line drawings
- Written by technologists for technologists
- With contributions from MRI technologists in the USA and Australia
- Suitable for users of all types of MRI systems

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Editorial Review

Review

"It is a user-friendly and practical book that I will be able to use throughout my career." (*Doody's Reviews*, May 2009)

From the Back Cover

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About the Author

Catherine Westbrook MSc DCRR PgC (L&T) CTCert FHEA, is a senior lecturer and post-graduate pathway leader at the Faculty of Health & Social Care, Anglia Ruskin University Cambridge where she is responsible for post-graduate courses in MRI, CT, Radiography and Radiotherapy. Cathy is also an independent teaching consultant providing teaching and assessment in MRI and radiographic related subjects to clients all over the world.

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